

# الاختبارات الشهرية

لشهر أكتوبر ٢٠٢٢

Mathematics - Science - English

6<sup>th</sup>  
PRIMARY

First Term

للمدارس التجريبية  
والخاصة لغات



## Mathematics

## Lessons

- **Unit (1) : Ratio.**  
From lesson (1) to the end of lesson (4).
- **Unit (3) : Geometry and measurement.**  
From lesson (1) to the end of lesson (4).

## Science

Units	Concepts
<b>Unit 1</b> Force and Motion	<b>The Lesson :</b> Mass and Weight
<b>Unit 2</b> Thermal Energy	<b>Lesson 1 :</b> Heat Conduction. <b>Lesson 2 :</b> Measuring Temperature.

## English

Units
Unit 1
Unit 2

## Test

1

Total mark

10

### 1 Choose the correct answer from those given :

(4 marks)

- 1 The ratio between the two numbers 15 and 21 is .....  
 (a) 3 : 7                      (b) 5 : 3                      (c) 5 : 7                      (d) 3 : 7
- 2 5000 gm : 2.5 kg. = .....  
 (a) 1 : 2                      (b) 5 : 2                      (c) 2 : 1                      (d) 2 : 5
- 3 The diagonals are perpendicular in .....  
 (a) rectangle.                      (b) square.  
 (c) parallelogram.                      (d) trapezoid.
- 4  $10 \text{ dm}^3 = \dots\dots\dots \text{ cm}^3$   
 (a) 1000                      (b) 100                      (c) 10000                      (d) 10

### 2 Complete :

(4 marks)

- 1 If  $A : B = 3 : 4$  and  $B : C = 2 : 5$  , then  $A : C = \dots\dots\dots$  (in the simplest form)
- 2 ABCD is a rhombus ,  $m(\angle A) = 60^\circ$  , then  $m(\angle B) = \dots\dots\dots$
- 3  $\frac{0.5}{6} = 1 : \dots\dots\dots$
- 4 A cuboid of dimensions 8 cm. , 6 cm. and 5 cm.  
 , then its volume =  $\dots\dots\dots \text{ cm}^3$

### 3 If the number of students in a school is 420 students and the ratio between the number of boys to the number of girls is 3 : 4 , find the number of each of boys and girls.

(2 marks)

.....

.....

.....

.....



## Test

2

Total mark

10

**1 Choose the correct answer from those given :**

(4 marks)

1  $\frac{5}{3} : \frac{3}{8} = \dots\dots\dots$

(a) 5 : 8

(b) 5 : 9

(c) 40 : 8

(d) 40 : 9

2  $\frac{1}{2}$  day : 8 hours :  $\frac{1}{4}$  day =  $\dots\dots\dots$

(a) 6 : 4 : 3

(b) 8 : 4 : 3

(c) 12 : 8 : 4

(d) 2 : 3 : 4

3 The four sides are equal in length in  $\dots\dots\dots$ 

(a) trapezoid.

(b) parallelogram.

(c) rhombus.

(d) rectangle.

4 A cuboid of volume  $300 \text{ cm}^3$  and base area  $50 \text{ cm}^2$ , then its height =  $\dots\dots\dots$  cm.

(a) 6

(b) 12

(c) 8

(d) 10

**2 Complete :**

(4 marks)

1  $\triangle \triangle \bigcirc \triangle \triangle \bigcirc \triangle \triangle \bigcirc \dots\dots\dots$  (in the same pattern)2  $\frac{1}{4} : \frac{1}{3} : \frac{1}{2} = \dots\dots\dots : \dots\dots\dots : \dots\dots\dots$  (in the simplest form)3  $\frac{1}{2}$  km : 250 m. =  $\dots\dots\dots : \dots\dots\dots$  (in the simplest form)4 The parallelogram in which its two diagonals are equal in length is called  $\dots\dots\dots$ 

3 A metallic cuboid of dimensions 16 cm. , 8 cm. , 12 cm. is converted into ingots in the shape of cuboid of dimensions 4 cm. , 2 cm. , 3 cm.

Find the number of ingots.

(2 marks)

.....

.....

.....

# Test

3

Total mark

10

## 1 Choose the correct answer from those given :

(4 marks)

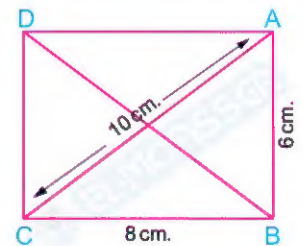
- 1 The quadrilateral in which only two sides are parallel is called .....  
 (a) rectangle.      (b) square.      (c) rhombus.      (d) trapezium.
- 2  $6000 \text{ gm} : 8 \text{ kg} =$  .....  
 (a)  $3 : 4$       (b)  $4 : 3$       (c)  $7 : 4$       (d)  $3 : 7$
- 3 A cuboid of base area  $18 \text{ cm}^2$  and height  $4 \text{ cm}$ . , then its volume = .....  
 (a)  $72 \text{ cm}^2$       (b)  $72 \text{ cm}^3$       (c)  $144 \text{ cm}^2$       (d)  $144 \text{ cm}^3$
- 4  $8 \text{ dm} . : 120 \text{ cm} . : 2 \text{ m} . =$  .....  
 (a)  $8 : 2 : 5$       (b)  $2 : 3 : 5$       (c)  $2 : 6 : 5$       (d)  $2 : 3 : 10$

## 2 Complete :

(4 marks)

### 1 In the opposite figure :

ABCD is a rectangle  
 , then  $BD =$  ..... cm.



- 2  $\frac{1}{3} : \frac{1}{5} : \frac{1}{6} =$  ..... : ..... : ..... (in the simplest form)
- 3 A cuboid with a square shaped base of side length  $9 \text{ cm}$ . and height  $5 \text{ cm}$ . , then its volume = .....  $\text{cm}^3$ .
- 4 XYZL is a parallelogram ,  $m(\angle Y) = 80^\circ$  , then  $m(\angle L) =$  .....

## 3 If the ratio between the side lengths of a triangle is $3 : 5 : 6$ and its perimeter is $42 \text{ cm}$ . Find the length of each side. (2 marks)

.....

.....

.....

.....



## Test

1



www.Cryp2Day.com

موقع مذكرات جاهزة للطباعة

Total mark

10

### Question

1

(5 marks)

#### A Put (✓) or (X) :

- 1 Sensitive two-arms scale is used to measure small masses as gold and vegetables. ( )
- 2 Copper is a good conductor of heat. ( )
- 3 The scale of the medical thermometer starts from 37°C to 42°C ( )
- 4 The boiling point of water is 100°C ( )

#### B Give a reason for :

The force of the Earth's gravity is more than the moon's gravity.

### Question

2

(5 marks)

#### A Choose the correct answer :

- 1 The mass of half liter of water equals ..... grams.  
 (a) 5 (b) 50 (c) 500 (d) 5000
- 2 Which of the following is the fastest in conducting heat ? .....  
 (a) Copper. (b) Iron.  
 (c) Aluminium. (d) Gold.
- 3 The used liquid in the celsius thermometer is .....  
 (a) alcohol. (b) mercury. (c) water. (d) milk.
- 4 The lower fixed point in the celsius thermometer is ..... °C  
 (a) 100 (b) 42 (c) 37 (d) 0

#### B Problem :

An object's mass = 60 kg. on the Earth's surface, calculate :

- 1 Its weight on the Earth : .....
- 2 Its weight on the moon : .....

## Test

2

Total mark

10

## Question

1

(5 marks)

**A Write the scientific term of each of the following :**

- 1 The amount of matter in an object. (.....)
- 2 The degree of hotness or coldness of a body. (.....)
- 3 Materials that do not let heat flow through. (.....)
- 4 A device used to measure the temperature of liquids. (.....)

**B What happens if ... ?**

Two bodies have the same temperature touch each other.

.....

## Question

2

(5 marks)

**A Correct the underlined word :**

- 1 Mass is the gravitational force by which a body is attracted to the Earth. (.....)
- 2 Materials that conduct heat are called heat insulators. (.....)
- 3 The boiling point of water is  $0^{\circ}\text{C}$ . (.....)
- 4 An object whose weight is 40 Newton on Earth, so its mass equals 400 kg. (.....)

**B Problem :**

If the object's mass = 600 gm. on the Earth's surface, calculate :

- 1 Its weight on the Earth : .....
- 2 Its weight on the moon : .....

## Sample Test

### 1

#### 1. Choose the correct answer from a , b , c or d :

1. We ..... lunch at Grandpa's Ali last Saturday.

- a. have                      b. has                      c. had                      d. to have

2. The restaurant is clean and the ..... are good.

- a. houses                      b. prices                      c. prizes                      d. addresses

3. The ..... is 12 Al-Ahram Street.

- a. colour                      b. address                      c. number                      d. day

4. What are your ..... ?

- a. ours                      b. hours                      c. clocks                      d. watches

5. Are you open ..... Tuesdays ?

- a. in                      b. at                      c. on                      d. of

6. Does that ..... the Mummy rooms ?

- a. including                      b. includes                      c. include                      d. included

7. Ice cream is my favourite .....

- a. flavour                      b. desert                      c. dessert                      d. drink

#### 2. Rearrange the following words to make correct sentences :

1. has – Ice cream – history – a long.

.....

2. children – Are – five – under – free ?

.....

#### 3. Punctuate the following sentence :

who is Grandpa Ali s ?

.....



## Sample Test 2

### 1. Choose the correct answer from a , b , c or d :

1. .... there a school near the bank ?  
 a. Was                      b. Were                      c. Are                      d. Have
2. When did the first ice cream shop ..... ?  
 a. opened                  b. opening                  c. opens                  d. open
3. How ..... water did she have ?  
 a. many                      b. much                      c. often                      d. old
4. She ..... a cup of coffee yesterday.  
 a. has                      b. have                      c. had                      d. having
5. How many ..... of lemonade did you have ?  
 a. cans                      b. slices                      c. loaves                      d. pieces
6. Can we see the ..... at the theatre ?  
 a. show                      b. air                      c. food                      d. sea
7. I go to the barber's shop to get a ..... .  
 a. book                      b. letter                      c. haircut                      d. pound

### 2. Rearrange the following words to make correct sentences :

1. me – you – **Let** – help.

.....

2. can – books – **Where** – you – borrow?

.....

### 3. Punctuate the following sentence :

Ahmed doesn t go to the zoo on Friday

.....

# إجابات الاختبارات الشهرية

لشهر أكتوبر ٢٠٢٢

Mathematics - Science - English

6<sup>th</sup>  
PRIMARY

First Term

للمدارس التجريبية  
والخاصة لغات

 [www.Cryp2Day.com](http://www.Cryp2Day.com)  
موقع مذكرات جاهزة للطباعة





# Answers of Mathematics

## Answers of Test

1

1 1 c

2 c

3 b

4 c

2 1 3 : 10

2 120°

3 12

4 240

3 Boys : Girls : Sum

3 : 4 : 7

? : ? : 420

The number of boys =  $\frac{3 \times 420}{7} = 180$  boys

The number of girls =  $\frac{4 \times 420}{7} = 240$  girls

## Answers of Test

2

1 1 d

2 a

3 c

4 a

2 1 

2 3 : 4 : 6

3 2 : 1

4 rectangle

3 The volume of the metallic cuboid =  $16 \times 8 \times 12 = 1536 \text{ cm}^3$ 

The volume of each ingot =  $4 \times 2 \times 3 = 24 \text{ cm}^3$

The number of ingots =  $1536 \div 24 = 64$  ingots

## Answers of Test

3

1 1 d

2 a

3 b

4 b

2 1 10

2 10 : 6 : 5

3 405

4 80°

3 1<sup>st</sup> side : 2<sup>nd</sup> side : 3<sup>rd</sup> side : Sum

3 : 5 : 6 : 14

? : ? : ? : 42

The length of the 1<sup>st</sup> side =  $\frac{3 \times 42}{14} = 9 \text{ cm.}$

The length of the 2<sup>nd</sup> side =  $\frac{5 \times 42}{14} = 15 \text{ cm.}$

The length of the 3<sup>rd</sup> side =  $\frac{6 \times 42}{14} = 18 \text{ cm.}$



## Answers of Test

1

### Question

1

A 1 x

2 ✓

3 x

4 ✓

B Because the mass of the Earth is more than the mass of the moon.

### Question

2

A 1 c

2 a

3 b

4 d

B 1 The object's weight on the Earth = Its mass  $\times 10 = 60 \times 10 = 600$  Newton.

2 The object's weight on the moon = Its weight on the Earth  $\times \frac{1}{6}$   
 $= 600 \times \frac{1}{6} = 100$  Newton.

## Answers of Test

2

### Question

1

A 1 Mass.

2 Temperature.

3 Heat insulators.

4 Celsius thermometer.

B Heat will not transfer from one body to the other.

### Question

2

A 1 Weight

2 conductors.

3 freezing

4 4

B 1 The object's weight on the Earth = Its mass  $\times 10 = \frac{600}{1000} \times 10 = 6$  Newton.

2 The object's weight on the moon = Its weight on the Earth  $\times \frac{1}{6}$   
 $= 6 \times \frac{1}{6} = 1$  Newton.

# Answers of English

## Answers of Sample Test

1

### 1 Choose the correct answer from a , b , c or d :

- |                  |                      |                      |                    |
|------------------|----------------------|----------------------|--------------------|
| 1. <b>c.</b> had | 2. <b>b.</b> prices  | 3. <b>b.</b> address | 4. <b>b.</b> hours |
| 5. <b>c.</b> on  | 6. <b>c.</b> include | 7. <b>c.</b> dessert |                    |

### 2 Rearrange the following words to make correct sentences :

- Ice cream has a long history.
- Are children under five free ?

### 3 Punctuate the following sentence :

Who is Grandpa Ali's ?

## Answers of Sample Test

2

### 1 Choose the correct answer from a , b , c or d :

- |                   |                   |                      |                  |
|-------------------|-------------------|----------------------|------------------|
| 1. <b>a.</b> Was  | 2. <b>d.</b> open | 3. <b>b.</b> much    | 4. <b>c.</b> had |
| 5. <b>a.</b> cans | 6. <b>a.</b> show | 7. <b>c.</b> haircut |                  |

### 2 Rearrange the following words to make correct sentences :

- Let me help you.
- Where can you borrow books?

### 3 Punctuate the following sentence :

Ahmed doesn't go to the zoo on Friday.